

Title: Create and Transmit Vectors		Test Case: SWSI-VECTOR-001	
Prerequisite: Vector Database shall be void of vectors through the end of the next RAYDAY		Estimated Run Time: 4 Hours	
Test Requirements: 3.3.2.3, 3.3.2.5, 3.3.3.1, 3.3.3.2, 3.3.4.1, 3.3.4.3, 4.2.1.1 (P), 4.2.5, 4.2.5a, 4.2.5b, 4.2.5c, 4.2.5d, 4.2.5e, 4.2.5f		Written by: Sue Edwards	
Objective: SWSI capability of create, transmit vectors			
Support Requirements: SWSI and ANCCDS			
Requirements Sources:			
Step #	Action/Command	Date/ Time	Successful Y/N
	State Vector Generation (Geocentric)		
1.	Create Type 1 Orbiting vector		
2.	Manually submit type 1 vector to ANCC, verify the result		
3.	Compare results between SWSI and ANCC		
4.	Create Type 8 Stationary vector		
5.	Manually submit type 8 vector to ANCC, verify the result		
6.	Compare results between SWSI and ANCC		
	State Vector Generation (Geodetic)		
7.	Create Type 8 stationary vector		
8.	Manually submit type 8 vector to ANCC, verify the result		
9.	Compare results between SWSI and ANCC		
	Automatic Import Vectors		
10.	Copy 2 of Type 1 vector and 2 of Type 8 vector to appropriate directory		
	(** At SWSI Lab: C:\sv_NCC set to <u>5</u> minutes for auto transmit **)		
11.	Verify SWSI alert for the result		
12.	Compare results between SWSI and ANCC		
	Error Vector Transmission		
13.	Import a error single Type 1 Free Flight vector		
14.	Verify SWSI alerts		
15.	Compare results between SWSI and ANCC		
16.	Import a error single Type 8 Stationary vector, verify the result		
17.	Verify SWSI alerts		
18.	Compare results between SWSI and ANCC		